BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
ANDREW D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILEY
MARK J. NUELL, PH.O.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON
THOMAS M. SMALL*
ROBERT A. SELDON*
JOHN A. SCILLIERI*
SANFORD ASTOR*

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY
ROBERT M. ASHEN*
MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA

INTELLECTUAL PROPERTY LAW
8110 GATEHOUSE ROAD
SUITE 100 EAST
FALLS CHURCH, VA 22042-1248
USA

(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICES: COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
MARTIN R. GEISSLER*
J. ALISON GRABELL*
J. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINT A. GERDINE
CLINT A. GERDINE
WILLIAM F. NIXON*
DANIEL K. DORSEY
MATTHEW T. SHANLEY

REG. PATENT AGENTS:
FREDERICK R. HANDREN
MAKI HATSUMI
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
KRISTI L. RUPERT, PH.D.
SUSAN W. GORMAN, PH.D.
ROBERT W. DOWNS
CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN
SAM BHATTACHARYA
BRADLEY C. FACH

Date: October 23, 2003

Docket No.: 3655-0208P



MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Trent HAYES and Wayne HOPKINSON

For: LOCAL AREA NETWORK CABLING ARRANGEMENT WITH RANDOMIZED

VARIATION

Enclosed are:

| \mathbf{r} | XI | 7 | | - E + l | / 2 2 \ |
|--------------|------|-----------------|------------|----------------|------------|
| 1 | ΧI | A specification | CODSISTING | OF FRITEVETRES | IXXI DAMAS |
| 1/ | ` \I | A SOCCITICACION | COMPACEME | | (JJ) Dauci |

⊠ Eleven (11) sheet(s) formal drawings

An assignment of the invention

Applicant claims small entity status under 37 C.F.R. § 1.27

Applicant does not claim priority

| | Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow. | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|
| \boxtimes | Executed Declaration (Original Photocopy) | | | | | | | |
| | Application Data Sheet in accordance with 37 C.F.R. § 1.76 | | | | | | | |
| | Preliminary Amendment | | | | | | | |
| | Information Disclosure Statement, PTO-1449 and reference(s) | | | | | | | |
| | Other: | | | | | | | |
| | Applicant requests early publication - \$300.00 publication fee | | | | | | | |
| | Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i) | | | | | | | |

The filing fee has been calculated as shown below:

| | | | LARGE | ENTITY | SMALL | ENTITY |
|--------------------------------------|-----------------|-----------------|------------|----------|------------|--------|
| | BASIC FEE | | \$770.00 | | \$385.00 | |
| | NUMBER FILED | NUMBER EXTRA | RATE | FEE | RATE | FEE |
| TOTAL CLAIMS | 45- 20 = | 25 | X 18 = \$ | \$450.00 | x 9 = | \$0.00 |
| INDEPENDENT CLAIMS | 5- 3 = | 2 | x 86 = 5 | \$172.00 | x 43 = | \$0.00 |
| MULTIPLE DEPENDENT CLAIMS PRESENTED | | | + \$290.00 | | + \$145.00 | |
| | | TOTAL | \$1,39 | 92.00 | \$0 | .00 |

 $[\]square$ A check in the amount of \$0.00 to cover the filing fee and recording fee (if applicable) is enclosed.

 $oxed{\boxtimes}$ Please charge Deposit Account No. 50-1602 in the amount of \$1,432.00. A triplicate copy of this transmittal form is enclosed.

\square Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-1602 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Scott I. Lowe, #41,458

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

SLL:1mh 3655-0208P

Attachment(s)